

S22 8	38	"6151582"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 12:50
S22 9	6	"6430711"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:16
S23 0	24	"5638519"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 12:50
S23 1	38534	request\$3 near4 (maintenance or servic\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:16
S23 2	1988	network and schedul\$3 and synchroniz\$3 and (request\$3 near4 (maintenance or servic\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:17
S23 3	872	((service near2 provider\$2) or supplier\$2 or manufacturer\$2) and network and schedul\$3 and synchroniz\$3 and (request\$3 near4 (maintenance or servic\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:18
S23 4	204	((service near2 provider\$2) or supplier\$2 or manufacturer\$2) and network and (schedul\$3 near3 (maintenance or servic\$3)) and synchroniz\$3 and (request\$3 near4 (maintenance or servic\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:18
S23 5	131	((service near2 provider\$2) or supplier\$2 or manufacturer\$2) and network and (schedul\$3 near3 (maintenance or servic\$3)) and synchroniz\$3 and (request\$3 near4 (maintenance or servic\$3)) and feedback\$2	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:23
S23 6	58	((service near2 provider\$2) or supplier\$2 or manufacturer\$2) and network and (schedul\$3 near3 (maintenance or servic\$3)) and (synchroniz\$3 near3 data) and (request\$3 near4 (maintenance or servic\$3)) and feedback\$2	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:29
S23 7	61	((service near2 provider\$2) or supplier\$2 or manufacturer\$2) and network and (schedul\$3 near3 (maintenance or servic\$3)) and (synchroniz\$6 near3 data) and (request\$3 near4 (maintenance or servic\$3)) and feedback\$2	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:26

Sam  
Hiles

S23 8	Review	2	(schedul\$3 same (maintenance or servic\$3) same (synchroniz\$3 near3 data)) and (request\$3 near4 (maintenance or servic\$3)) and feedback\$2	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:29
S23 9		21	(schedul\$3 same (maintenance or servic\$3) same (synchroniz\$3 near3 data))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:29
S24 0		80	(schedul\$3 near10 (synchroniz\$3 near3 data))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:29
S24 1	Review	3729	schedul\$5 near4 maintenance	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 15:56
S24 2		3970	(schedul\$5 near4 (maintenance or servic\$3)) and network\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 15:57
S24 3		800	feedback\$4 and ((schedul\$5 near4 (maintenance or servic\$3)) and network\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 15:57
S24 4		28	(feedback\$4 near4 request\$2) and ((schedul\$5 near4 (maintenance or servic\$3)) and network\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 15:58
S24 5		10	(feedback\$4 near4 request\$2) and ((schedul\$5 near4 (maintenance or servic\$3)) and network\$3) and framework	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 15:59
S24 6		33	(feedback\$4 near4 request\$2) and ((maintenance or servic\$3) same network\$3) and framework	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:00
S24 7		681	(feedback\$4) and ((maintenance or servic\$3) near4 request\$3) and network and ((synchroniz\$3 or synchronization) near4 data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:01
S24 8		17	(feedback\$4) and ((maintenance or servic\$3) near4 request\$3) and network and (((synchroniz\$3 or synchronization) near4 data) same (tax\$3 or currency or exchange or pricing))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:01

S24 9	17	((feedback\$4) and ((maintenance or servic\$3) near4 request\$3) and network and (((synchroniz\$3 or synchronization) near4 data) same (tax\$3 or currency or exchange or pric\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:03
S25 0	59	((maintenance or servic\$3) near4 request\$3) and network and (((synchroniz\$3 or synchronization) near4 data) same (tax\$3 or currency or exchange or pric\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:05
S25 1	2	((maintenance or servic\$3) near4 request\$3) and network and (((synchroniz\$3 or synchronization) near4 data) same (tax\$3 or currency or exchange or pric\$3)) and "6304881"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:04
S25 2	2	((maintenance or servic\$3) near4 request\$3) and (((synchroniz\$3 or synchronization) near4 data) same (tax\$3 or currency or exchange or pric\$3)) and "6304881"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:04
S25 3	4	((maintenance) near4 request\$3) and network and (((synchroniz\$3 or synchronization) near4 data) same (tax\$3 or currency or exchange or pric\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:05
S25 4	3	(network same (maintenance near4 request\$3)) and (((synchroniz\$3 or synchronization) near4 data) same (tax\$3 or currency or exchange or pric\$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:06
S25 5	30	(network same (maintenance near4 request\$3)) and ((synchroniz\$3 or synchronization) near4 data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:08
S25 6	14	(network same (maintenance near4 request\$3)) and (((synchroniz\$3 or synchronization) near4 data)) and (tax\$3 or currency or exchange or pric\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:07
S25 7	274	(network near4 (maintenance)) and ((synchroniz\$3 or synchronization) near4 data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:12
S25 8	13	(schedul\$3 same (network near4 (maintenance))) and ((synchroniz\$3 or synchronization) near4 data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:11

review

review

S25 9	63	(network near4 (maintenance)) and ((synchroniz\$3 or synchronization) near4 data) and feedback\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/01 16:12
S26 0	10215	schedul\$3 near4 (maintain\$4 or maintenance or servic\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:36
S26 1	389	S260 and (load near4 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:36
S26 2	358	S260 and (load near1 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:37
S26 3	103	S260 and (load near1 balanc\$4) and feedback\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:36
S26 4	320	schedul\$3 same recommend\$7 same (maintain\$4 or maintenance or servic\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:37
S26 5	120	schedul\$3 same (recommend\$7 near5 (maintain\$4 or maintenance or servic\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:38
S26 6	49	schedul\$3 near5 (recommend\$7 near5 (maintain\$4 or maintenance or servic\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:37
S26 7	0	S266 and (load near1 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:38
S26 8	9	S264 and (load near1 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:46
S26 9	788	schedul\$4 and (recommend\$7 near5 (maintain\$4 or maintenance or servic\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:55
S27 0	42	S269 and (load near1 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:38

S27 1	323	schedul\$4 and (recommend\$7 near2 (maintain\$4 or maintenance or servic\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:49
S27 2	358	S261 and (load near1 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:46
S27 3	23	S271 and (load near1 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:49
S27 4	1568	(recommend\$7 near2 (maintain\$4 or maintenance or servic\$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:49
S27 5	35	S274 and (load near1 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:51
S27 6	9	(updat\$3 near4 internal near4 data) and (load near1 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:52
S27 7	5	(updat\$3 near4 (internal adj2 data)) and (load near1 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:54
S27 8	3281	("718").CLAS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:54
S27 9	188	(718/1).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:54
S28 0	778	(718/100).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:54
S28 1	716	(718/102).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:55
S28 2	722	(718/104).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:55

S28 3	480	(718/105).CCLS. <i>review</i>	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:55
S28 4	2	schedul\$4 and (recommend\$7 near5 (maintain\$4 or maintenance or servic\$4)) and S283	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:57
S28 5	12213	("705").CLAS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:56
S28 6	532	(705/7).CCLS.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:56
S28 7	336	(705/9).CCLS. <i>review</i>	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:56
S28 8	2	(recommend\$7 near5 (maintain\$4 or maintenance or servic\$4)) and S283	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:59
S28 9	28	(schedul\$4 near5 (maintain\$4 or maintenance or servic\$4)) and S283	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 11:57
S29 2	1	(recommend\$7) and "6516350" and schedul\$4 <i>review</i>	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 12:03
S29 3	0	("6816905").URPN.	USPAT	OR	OFF	2005/03/23 12:14
S29 4	24	("5031089"   "5504894"   "5537542"   "5615329"   "5696895"   "5832222"   "5938732"   "5948065"   "5951694"   "5974462"   "5999965"   "6006259"   "6014669"   "6067545"   "6067580"   "6070191"   "6088727"   "6097882"   "6108703"   "6167446"   "6173322"   "6374297"   "6625639"   "6718359"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 12:15
S29 5	67153	network\$4 near4 (servic\$4 or maintenance)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 12:15
S29 6	2277	schedul\$4 same (network\$4 near4 (servic\$4 or maintenance))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 12:15

S29 7	8	schedul\$4 same (recommend\$4 near5 (network\$4 near4 (servic\$4 or maintenance)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 12:17
S29 8	668	schedul\$4 near5 (network\$4 near4 (servic\$4 or maintenance))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 12:18
S29 9	50	S298 and (load near4 balanc\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/23 12:22
S30 3	2	"6606744" and (framework)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 12:54
S30 4	3	"6606744" and (manager)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 12:39
S30 5	9	"5835911" and (load near3 balanc\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 12:53
S30 6	1	"6606744" and (framework) and (load near3 balanc\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:13
S30 7	71	schedul\$4 near4 software near4 updat\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:17
S30 8	7	"6151543"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:15
S30 9	63	"6151643"	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:15
S31 0	26	recommend\$7 near3 ((service\$2 or maintenance\$2)) and (schedul\$4 near4 updat\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:17
S31 1	26	(recommend\$7 near3 (service\$2 or maintenance\$2)) and (schedul\$4 near4 updat\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:19
S31 2	33	(recommend\$7 near3 (service\$2 or maintenance\$2)) and (software\$4 near4 updat\$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:21

S31 3	129	(recommend\$7 near3 (update or updates or updating))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:21
S31 4	3	(recommend\$7 near3 (update or updates or updating)) and (load near2 balanc\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:22
S31 5	2	(recommend\$7 near3 (update or updates or updating) near4 (software\$2 or web\$5))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:23
S31 6	98	(recommend\$7 near3 (update or updates or updating)) and (network\$3 or software\$2 or web\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:23
S31 7	25	(recommend\$7 near3 (update or updates or updating)) same (network\$3 or software\$2 or web\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:25
S31 8	13565	((update or updates or updating)) near4 (network\$3 or software\$2 or web\$5)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:26
S31 9	389	((update or updates or updating)) near4 (network\$3 or software\$2 or web\$5) same schedul\$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:26
S32 0	59	framework and ((update or updates or updating) near4 (network\$3 or software\$2 or web\$5) same schedul\$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:36
S32 4	3	"6249817" and schedul\$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/23 13:46



**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☒ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**